



National Weather Service

Storm Data and Unusual Weather Phenomena



May 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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LAKE ERIE

LEZ444	Mi Waters Of Lake Erie								
10 SW North Cape	25	1557EST			0	0			Marine Tstm Wind (G37)
LEZ444	Mi Waters Of Lake Erie								
10 W North Cape	25	1622EST			0	0			Marine Tstm Wind (G41)

Strong thunderstorms developed ahead of a cold front over Indiana and moved fairly quickly northeast toward western Lake Erie. The storms mainly stayed along and just south of a warm front that extended across extreme southern Lower Michigan.

LAKE HURON

LHZ442	Hbr Beach To Pt Sanilac Mi								
2.5 S Port Sanilac	31	0230EST			0	0			Marine Tstm Wind (G40)
LHZ463	Lh Hbr Beach To Pt Sanilac 5Nm Offshore To Intl Border								
2.5 S Port Sanilac	31	0230EST			0	0			Marine Tstm Wind (G40)
LHZ464	Lh Pt Sanilac To Pt Huron 5Nm Offshore To Intl Border								
2.5 S Port Sanilac	31	0230EST			0	0			Marine Tstm Wind (G40)
LHZ443	Pt Sanilac To Pt Huron Mi								
2.5 S Port Sanilac	31	0230EST			0	0			Marine Tstm Wind (G40)
LHZ464	Lh Pt Sanilac To Pt Huron 5Nm Offshore To Intl Border								
4 E Lexington	31	0535EST			0	0			Waterspout
LHZ443	Pt Sanilac To Pt Huron Mi								
4 E Lexington	31	0535EST			0	0			Waterspout

Thunderstorms developed across southern Lower Michigan ahead of a weak cold front. The storms moved into Lake Huron early in the morning of the 31st. Some of these storms produced strong winds. A mariner reported seeing a waterspout off the coast of Lexington in southern Lake Huron.

MICHIGAN, East

Livingston County									
Fowlerville	09	0800EST			0	0	30K		Lightning
A mobile home was struck by lightning, setting it on fire. The fire spread into the walls of the trailer before it was extinguished. The trailer sustained moderate damage. The residence was unoccupied and up for sale when it was struck so there were no injuries.									
MIZ069	Oakland								
	10	1118EST			0	0			High Wind (G45)
A tree was blown over onto primary electrical power lines in Troy. The tree brought the power lines down and ignited the tree									
MIZ082	Lenawee								
	13	0000EST			0	0			Flood
	14	1300EST							
The River Raisin at Blissfield rose above flood stage of 683.0 feet at 1 AM EDT May, 13th, and fell below flood stage at 2 PM EDT May 14th. The river crested at a stage of 683.5 feet at 3 PM May, 13th. Minor flooding was reported in Bachmayer and Ellis parks in Blissfield.									
MIZ068	Livingston								
	13	0700EST			0	0			Flood
	31	1400EST							
The Huron River near Hamburg rose above flood stage of 6.5 feet at 8 AM EDT May 13th, and did not fall below flood stage until 3 PM EDT May 31st. The river crested at 7 feet at 8 AM EDT May, 20th.									



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					Killed	Injured	Property	Crops	

MICHIGAN, East

Tuscola County

1 NW Akron	29	1630EST			0	0	35K		Thunderstorm Wind (G55)
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Scattered thunderstorms developed across southeast Michigan during the afternoon of the 29th. One storm strengthened along a lake breeze boundary in northern Tuscola County. A local newspaper reported that winds from this thunderstorm blew over a pole barn, uprooted a large tree, and damaged the chimney of a home.

Genesee County

Montrose	31	0020EST			0	0			Hail(0.88)
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Saginaw County

Burt	31	0247EST			0	0			Thunderstorm Wind (G55)
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Law enforcement officials reported that numerous trees had been blown down.

Shiawassee County

New Lothrop	31	0300EST			0	0			Thunderstorm Wind (G55)
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Law enforcement officials reported that numerous trees had been blown down.

Genesee County

4 NE Flushing	31	0310EST			0	0	100K		Thunderstorm Wind (G61)
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A National Weather Service storm survey determined that a downburst (strait line thunderstorm winds) hit portions of northeastern Flushing Township and northwestern Mt Morris Township. Damage included numerous downed trees and limbs, some of which fell onto homes and cars. The downburst was approximately 4 miles long and 2 to 3 miles wide.

Genesee County

Flint	31	0318EST			0	0			Hail(0.75)
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Lapeer County

Lapeer	31	0335EST			0	0			Hail(0.75)
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Lapeer County

Lapeer	31	0338EST			0	0			Thunderstorm Wind (G50)
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Law enforcement officials reported numerous trees had been blown down.

A slow moving cold front moved into the western Great Lakes region, while a very warm and humid airmass was situated over southeast Michigan. During the night of the 30th and into the early morning hours of the 31st, an upper level disturbance moved ahead of the cold front into Lower Michigan. This disturbance triggered some late night thunderstorms. These storms were concentrated mainly over the Genesee and Saginaw Valleys as well as much of the thumb region. Hail and severe wind gusts were associated with some of these storms.